

COMPRESSOR OF AN AIR CONDITIONER OF A CAR WITH CAPABILITY TO DISSIPATE HEAT PRODUCED BY ITSELF

ABSTRACT

A compressor of an air conditioner of an automobile consists of a main body, a circular electromagnet fixedly disposed around a sleeve of the main body, a rotary wheel rotary about a sleeve fixedly disposed around the shaft, and a co-moving disk connected to the shaft; the co-moving disk can be attracted onto the wheel so as to rotate together with the wheel to cause the shaft of the main body to rotate when the electromagnet is powered, thus making the compressor function; the rotary wheel is formed with several vent holes near to an edge thereof for allowing airflow caused by rotation of the wheel to pass onto the main body as well as blades next to respective ones of the vent holes thereof for increasing rate of flow of air through the vent holes onto the main body.